

ABSTRACT OF THE DISCLOSURE

Disclosed herein is a drive wheel bearing assembly having a fixed type constant velocity universal joint, 5 coupled to a wheel bearing, mounted to one end portion of an intermediate shaft, and a sliding type constant velocity universal joint, coupled to a differential, mounted to the other end portion of the intermediate shaft. The drive wheel bearing assembly is characterized in that one end 10 portion of a stub shaft is connected to an inner joint ring of the aforementioned constant velocity universal joint via torque transmission portions; one end portion of the intermediate shaft is connected to the other end portion of the stub shaft via torque transmission portions; a threaded 15 portion is formed on an outer diameter portion of either the intermediate shaft or the stub shaft; a nut member threadedly engages the threaded portion; and a keeper ring is fitted into annular grooves formed on the other outer diameter portion of the intermediate shaft or the stub 20 shaft and an inner diameter portion of the nut member to allow the nut member not to move axially but to be rotatable. Furthermore, the aforementioned drive wheel bearing assembly comprises a stub shaft connected to an inner joint ring by means of serrations formed on an outer 25 diameter portion of the one end thereof and a clip and

connected detachably to the intermediate shaft by means of serrations formed on an inner diameter portion of the one end thereof and a clip. The drive wheel bearing assembly is characterized in that an enlarged diameter portion of a boot is mounted to the outer diameter portion of the other end portion of the stub shaft, and the inner diameter of the other end of the stub shaft is made larger than the outer diameter of the one end. Furthermore, in the aforementioned drive wheel bearing assembly, an allowable plunging  $H_1$  to the bottom portion of an outer joint ring of the aforementioned sliding type constant velocity universal joint is set, at the time of a minimum operative angle of the sliding type constant velocity universal joint, to a dimension  $(K_1 + L_1)$  which is equal to the width  $K_1$  of the inner joint ring of the fixed type constant velocity universal joint added to a projection  $L_1$  above the edge surface of the inner joint ring of the intermediate shaft. The hub ring and the inner ring are integrally unitized by means of a plastic engagement portion, caulked portions or the like. The outer joint ring of the constant velocity universal joint is coupled to the hub ring in a torque-wise manner via the serrations. An keeper ring is mounted detachably to the serrations to prevent the serrations from being axially dislodged and to allow the keeper ring to be easily snapped in place detachably.